

DESIGN WATER TECHNOLOGIES



Neutralize™

Product Specification Sheet

Product Description

The “pH Neutralize” is an extremely concentrated, slightly alkaline liquid with a controlled pH buffer. It is a naturally occurring mineral, readily usable by plant and animal life upon disposal.

Market Advantages

This will safely neutralize any acidic liquids with a specific dosage calculated by the volume and pH level of the acid being treated, without the danger of wildly varying pH levels. The buffering effect safe guards against over use so the maximum pH obtainable is 9.0. This liquid mixes more easily than any of the present powders with liquid acids. Reclosable containers can be easily and safely stored and reused. It is easy and safe to store, ship, use, and dispose of without environmental and safety concerns. On environmental recovery sites, chemistry (“Unicid”) can be airlifted from the well into a surface tank, neutralized, and pumped directly through the treatment system.

Product Usage

“pH Neutralize” can be simply poured into any container of any acidic liquid to adjust pH to safe levels for proper disposal.

Safety Information

The concentration of the “pH Neutralize” product allows much less material to be required for the pH adjustment and a liquid it makes it easier to use and safer to apply. Most regulatory agencies agree safe levels of pH for disposal are between 6-9. Since the buffer will control the pH to only 9, the only responsibility of the contractor is to bring the pH over 6 for safe disposal. During disposal, the use of “pH Neutralize” will result in 15-20% less total dissolved solids discharged than soda ash or lime.

All “Unicid” products are packaged in D.O.T. approved containers. They can be shipped via normal freight, even UPS, without hazardous labeling required under 40CFR 172.101, Hazardous Materials Table.

NSF approvals are not required as this product is used in surface tanks for neutralizing acids.

All chemicals are listed on the TSCA Inventory. These products do not contain hazardous substances for emergency release notification under SARA/TITLE III-CERCLA. They do not contain any chemicals for routine annual “Toxic Chemical Release Reporting” under SARA/TITLE III-Toxic Chemicals List, or any chemicals listed by California Prop. 65, for known carcinogens and reproductive toxins.

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